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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/072,803

02/08/2002

Brian Mozhdchi

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EXAMINER

OYEBISI, OJO O

ART UNIT

PAPER NUMBER

3692

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

03/09/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/072,803

Applicant(s)

MOZHDEHI, BRIAN

Examiner

OJO O. OYEBISI

Art Unit

3692

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 December 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 4 and 5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 4 and 5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

In the amendment filed on 12/05/06, the following have occurred: claims 1-3 have been cancelled, claims 4 and 5 are pending, and claims 4 and 5 stand rejected in this office action.

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 4 and 5 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. One of the limitations recited in claim 4 reads: "storing all data and all noted information of segment in a database table as below." It not clear to the examiner what table the applicant is referencing. And also, it not clear to the examiner what the applicant is trying to claim. Claim 5 is rejected because of its dependency from claim 4.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for

determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
 2. Ascertaining the differences between the prior art and the claims at issue.
 3. Resolving the level of ordinary skill in the pertinent art.
 4. Considering objective evidence present in the application indicating obviousness or nonobviousness.
4. Claims 4 and 5 rejected under 35 U.S.C. 103(a) as being unpatentable over Shreve et al (Shreve hereinafter, US PAT: 5,410,675) in view of Carothers et al (US PUB #: 2002/0016771).

Re claims 4 and 5 . Shreve discloses a method for translating between electronic data interchange (EDI) to and from other data formats such as database tables, flat files, and XML comprising the following steps: reading and inbound EDI document one segment at a time using configuration information about the structure of said inbound EDI document and determining for each segment, its status as header, detail or summary segment (i.e., description for each data element is read, see col.6 lines 50-55); parsing each segment and noting each segment identifier (i.e., memory is allocated for each data elements, see col.6 lines 50-55); determining any associated loop information of each segment, either in the form of controlling loop information in the segment (i.e., the number of segments, including this one, making up a loop, LSPAN and LMAX, see col.6 lines 10-15) or that associated with stored configuration information; noting any qualifying data with matching values as specified in stored configuration information and further noting any unique number (see col.5

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lines 10-20); and noting the associated data and the defined name of each element (i.e., element description, see col.5 line 10, also see col.8 lines 10-50); noting two additional linking values describing the occurrence of headers and details in the physical file being read (i.e., two integer variables are used to store the accumulations, see col.8 lines 60-66); storing all data and all noted information of segment in a database table as below (see fig.4a, also see "ED – USED to store information about a data element, col.5 lines 10-15); translating data from the database table into a desired format based upon the data representation and mapping information stored in the database (i.e., Then the control files in the form of a control protocol are interpreted to link and combine the internal data structures to external data sources, (81) Having completed these steps, the resulting data structure with knowledge of the external data sources is attached to the translation logic or intelligence as indicated by block 42 of FIG. 2 to form the resulting data management or translator engine, as generally indicated at 44 in FIG. 8. The translator engine 44 is capable of interpreting an EDI document performing protocol editing and executing translation directives, see col.7 lines 12-40). Although Shreve's engine is neither platform nor protocol dependent (see the abstract), but does not explicitly disclose using a query language to extract data into the form necessary to write a desired translated target. However, Carothers discloses using a query language to extract data into the form necessary to write a desired translated target (i.e., In an aspect of the present invention, individual transaction records are parsed to ASCII text file format, all fields are converted to ASCII text

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file format, columnized text is produced, and dates and times of individual transaction records are formatted into recognizable Structured Query Language (SQL) formatted values. In addition, each transaction entry is examined to determine a type of function for the transaction, each transaction encountered in the examination is written as a line to an output file, and all transactions encountered are grouped by transaction according to a data column of the transaction journal record that refers back to a session log record. The unique integer key value is assigned to each individual transaction record in the ASCII text output files and written to a pre-defined column in each output file for loading to the relational database system. In addition, transaction times are computed for each of the individual transaction records and added to the corresponding output file, see paras 0009-0011, see para 0016, also see the abstract). Thus, it would have been obvious to one of ordinary skill in the art to combine the teachings of Shreve and Carothers to provide access control, role-based security and ad hoc query processing.

Response to Arguments

5. Applicant's arguments with respect to claims 4 and 5 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OJO O. OYEBISI whose telephone number is (571) 272-8298. The examiner can normally be reached on 8:30A.M-5:30P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RICHARD E. CHILCOT can be reached on (571)272-6777. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


RICHARD E. CHILCOT, JR.
SUPERVISORY PATENT EXAMINER